

B. Sudlick
618066

=> del his y

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

82.92

1725.03

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-22.34

-94.61

FILE 'REGISTRY' ENTERED AT 12:28:49 ON 25 SEP 2001

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STRUCTURE FILE UPDATES: 24 SEP 2001 HIGHEST RN 358616-26-9

DICTIONARY FILE UPDATES: 24 SEP 2001 HIGHEST RN 358616-26-9

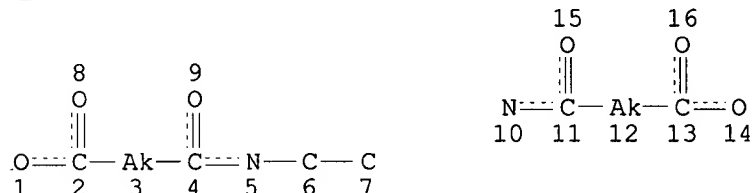
TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=> d l4 que stat;fil medl,caplus,biosis,embase;s l4 and (cosmetic? or
tolietries or lipstick or makeup or make up or deodorant or mascara or
sunscreen or lotion)

L1 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L2 SCR 2043

L4 664 SEA FILE=REGISTRY SSS FUL L1 AND L2

100.0% PROCESSED 10954 ITERATIONS

SEARCH TIME: 00.00.02

664 ANSWERS

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	134.80	1859.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-94.61

FILE 'MEDLINE' ENTERED AT 12:31:42 ON 25 SEP 2001

FILE 'CAPLUS' ENTERED AT 12:31:42 ON 25 SEP 2001
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L5	0 FILE MEDLINE
L6	2 FILE CAPLUS
L7	0 FILE BIOSIS
L8	0 FILE EMBASE

TOTAL FOR ALL FILES

L9	2 L4 AND (COSMETIC? OR TOLIETRIES OR LIPSTICK OR MAKEUP OR MAKE UP OR DEODORANT OR MASCARA OR SUNSCREEN OR LOTION)
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=> d 1-2 cbib abs hitstr

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS

2001:288818 Document No. 134:315887 Amino acid-terminated silicone polymers,

their preparation, and use in **cosmetic** particles and color **cosmetics**. Sohn, Dong Hyuk; Choi, Yong-Jin; Kim, Kil-Jong; Kim, Youn-Chul (Pacific Chemical Co., Ltd., S. Korea). Jpn. Kokai Tokkyo Koho JP 2001114647 A2 20010424, 15 pp. (Japanese). CODEN: JKXXAF.
 APPLICATION: JP 2000-79322 20000316. PRIORITY: KR 1999-43103 19991006.

AB Color **cosmetics**, which show good adhesion to skin, contain particles (e.g., pigments) surface-treated with silicone polymers $H_2NCH(CO_2H)(CH_2)_kCO_2(SiMe_2O)_nCO(CH_2)_k'CH(NH_2)CO_2H$ ($n = 1-1000$; $k, k' = 1, 2$) prepd. by esterification of dimethylpolysiloxanol with acidic amino acids in org. solvents in the presence of catalysts or silicone polymers $YCH_2CO_2(SiMe_2O)_nCOCH_2Y'$ [$n = 1-1000$; $Y, Y' = NHCOCH_2CH(NH_2)CO_2H, NHC(:NH)NH(CH_2)_3CH(NH_2)CO_2H, NH(CH_2)_4CH(NH_2)CO_2H$] prepd. by reaction of $ClCH_2CO_2(SiMe_2O)_nCOCH_2Cl$ with basic amino acids in the presence of weakly basic catalysts. Talc was surface-treated with L-glutamic acid-terminated

di-Me polysiloxane (prepn. given) showed good adhesion to keratin and good

water resistance. A **cosmetic** foundation contg. the surface-treated talc gave a good feel to the skin.

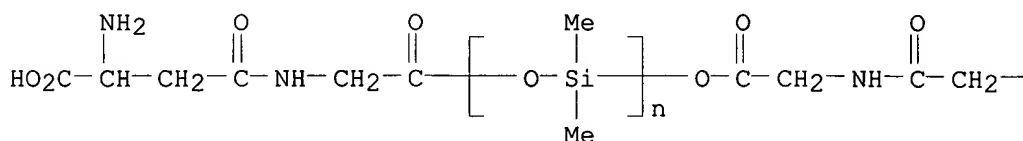
IT **335150-51-1P**

RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of amino acid-terminated silicones for surface modification of particles for color **cosmetics**)

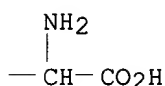
RN 335150-51-1 CAPLUS

CN Poly[oxy(dimethylsilylene)], .alpha.-[[[(3S)-3-amino-3-carboxy-1-oxopropyl]amino]acetyl]-.omega.-[[[(3S)-3-amino-3-carboxy-1-oxopropyl]amino]acetyl]oxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS

1998:335064 Document No. 129:32125 Use of carboxyamide polysiloxanes in **cosmetic** formulas. Friedrich, Holger; Hoessel, Peter (BASF A.-G., Germany). Ger. Offen. DE 19647858 A1 19980520, 12 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1996-19647858 19961119.

AB [RaSi{Z[N(COXCO2H)Y]pNHCOXCO2H}O(3-a)/2]n(SiR1bo(4-b)/)m(SiR23O1/2)k [I; R0-2 = C1-6 alkyl or Ph; Y, Z = divalent hydrocarbon selected from aliph. or alkoxyalkyl; X = divalent hydrocarbon selected from (CH2)y, CH:CH, cyclic or bicyclic, satd. or unsatd. hydrocarbon, or arom. hydrocarbon; a = 0-2; b = 1-3; n = 1-100, m = 10-800, y = 2-6, k = 0-[(2-b)m + [(1-a)n + 2]]; p = 0-10] are added to hair preps. to improve wet-combability of the hair and to other **cosmetics** to improved the feel of skin.

A typical I was manufd. by treatment of 300 g NH2(CH2)3SiMe2(OSiMe2)55OSiMe2(CH2)3NH2 4 h at 70.degree. with 13.9 g succinic anhydride, and emulsification of the product with 1200 g water contg. 8.5 g ethanolamine at 50.degree..

IT **207922-45-0P 207922-46-1P**

RL: IMF (Industrial manufacture); MOA (Modifier or additive use); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(use of carboxyamide polysiloxanes in **cosmetics**)

RN 207922-45-0 CAPLUS

CN Ethanol, 2-amino-, compd. with .alpha.-[[3-[(3-carboxy-1-oxopropyl)amino]propyl]dimethylsilyl]-.omega.-[[[3-[(3-carboxy-1-oxopropyl)amino]propyl]dimethylsilyl]oxy]poly[oxy(dimethylsilylene)] (2:1)

(9CI) (CA INDEX NAME)

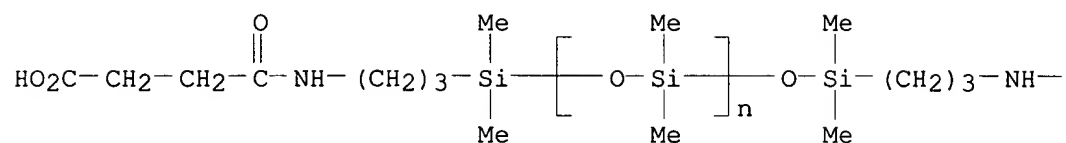
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CRN 207922-44-9

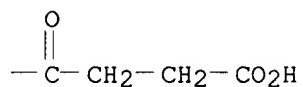
CMF (C2 H6 O Si)_n C18 H36 N2 O7 Si2

CCI PMS

PAGE 1-A



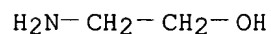
PAGE 1-B



CM 2

CRN 141-43-5

CMF C2 H7 N O



RN 207922-46-1 CAPLUS

CN 1-Propanol, 2-amino-2-methyl-, compd. with .alpha.-[[3-[(3-carboxy-1-oxopropyl)amino]propyl]dimethylsilyl]-.omega.-[[[3-[(3-carboxy-1-oxopropyl)amino]propyl]dimethylsilyl]oxy]poly[oxy(dimethylsilylene)]

(2:1)

(9CI) (CA INDEX NAME)

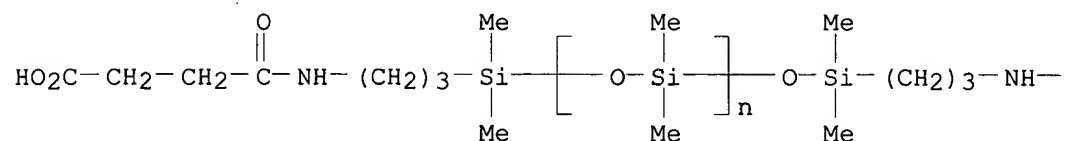
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CRN 207922-44-9

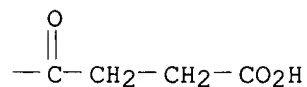
CMF (C2 H6 O Si)_n C18 H36 N2 O7 Si2

CCI PMS

PAGE 1-A

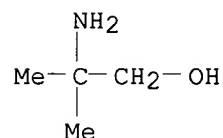


PAGE 1-B



CM 2

CRN 124-68-5
CMF C4 H11 N O



=> s ferrari, v?/au or ferrari v?/au

L10 129 FILE MEDLINE
L11 175 FILE CAPLUS
L12 143 FILE BIOSIS
L13 95 FILE EMBASE

TOTAL FOR ALL FILES

L14 542 FERRARI, V?/AU OR FERRARI V?/AU

=> s simon, p?/au or simon p?/au

L15 896 FILE MEDLINE
L16 1144 FILE CAPLUS
L17 1165 FILE BIOSIS
L18 802 FILE EMBASE

TOTAL FOR ALL FILES

L19 4007 SIMON, P?/AU OR SIMON P?/AU

=> s 114 and 119

L20 0 FILE MEDLINE
L21 2 FILE CAPLUS
L22 0 FILE BIOSIS

L23 0 FILE EMBASE

TOTAL FOR ALL FILES

L24 2 L14 AND L19

=> d 1-2 cbib abs

L24 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS

2001:45916 Document No. 134:105649 Wax-free structured cosmetic composition made rigid by a polymer. **Ferrari, Veronique; Simon, Pascal** (L'oreal, Fr.). Eur. Pat. Appl. EP 1068856 A1 20010117, 15 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-401991 20000710. PRIORITY: FR 1999-9177 19990715;

FR 2000-921 20000124.

AB Wax-free structured cosmetic compn. are made rigid by a polymer having a mol. wt. of 1000 to 10,000. A lipstick contained Uniclear 80 25.0, parleam oil 56.0, polyglyceryl-2-polyhydroxystearate 10.0, and pigments 9.0%.

L24 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS

2001:45915 Document No. 134:105648 Cosmetic composition with a liquid fatty phase which is gellified with a polyamide with ester end-groups.

Ferrari, Veronique; Simon, Pascal (L'oreal, Fr.). Eur. Pat. Appl. EP 1068855 A1 20010117, 11 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-401990 20000710. PRIORITY: FR 1999-9176 19990715; FR 2000-922 20000124.

AB Cosmetic compn. with a liq. fatty phase which is gellified with a polyamide with ester end-groups comprising C4-42 alkyls and hydrophilic/lipophilic balance of 1-7 are disclosed. A lipstick contained

Uniclear 80 25.0, parleam oil 56.0, polyglyceryl-2-polyhydroxystearate 10.0, and pigments 9.0%.

=> s (l14 or l19) and l4

L25 0 FILE MEDLINE

L26 0 FILE CAPLUS

L27 0 FILE BIOSIS

L28 0 FILE EMBASE

TOTAL FOR ALL FILES

L29 0 (L14 OR L19) AND L4

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
116.81	1976.64

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-2.35	-96.96

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DICTIONARY FILE UPDATES: 24 SEP 2001 HIGHEST RN 358616-26-9

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Please note that search-term pricing does apply when
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Structure search limits have been increased. See HELP SLIMIT
for details.

=> d l32 que stat;fil medl,caplus,biosis,embase;s l32
L2 SCR 2043
L30 STR



NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
L32 1033 SEA FILE=REGISTRY SSS FUL L30 AND L2

100.0% PROCESSED 25628 ITERATIONS 1033 ANSWERS
SEARCH TIME: 00.00.02

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	134.18	2110.82
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-96.96

FILE 'MEDLINE' ENTERED AT 12:37:04 ON 25 SEP 2001

FILE 'CAPLUS' ENTERED AT 12:37:04 ON 25 SEP 2001
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L33	7	FILE MEDLINE
L34	423	FILE CAPLUS
L35	2	FILE BIOSIS
L36	0	FILE EMBASE

TOTAL FOR ALL FILES
L37 432 L32

=> s l37 and (cosmetic? or tolietries or lipstick or makeup or make up or
deodorant or mascara or sunscreen or lotion)

L38	0	FILE MEDLINE
L39	2	FILE CAPLUS
L40	0	FILE BIOSIS
L41	0	FILE EMBASE

TOTAL FOR ALL FILES
L42 2 L37 AND (COSMETIC? OR TOLIETRIES OR LIPSTICK OR MAKEUP OR MAKE
UP OR DEODORANT OR MASCARA OR SUNSCREEN OR LOTION)

=> s l42 not l9

L43	0	FILE MEDLINE
L44	0	FILE CAPLUS
L45	0	FILE BIOSIS
L46	0	FILE EMBASE

TOTAL FOR ALL FILES
L47 0 L42 NOT L9

=> s l37 and (l14 or l19)

L48	0	FILE MEDLINE
L49	0	FILE CAPLUS
L50	0	FILE BIOSIS
L51	0	FILE EMBASE

TOTAL FOR ALL FILES
L52 0 L37 AND (L14 OR L19)

=> s (l14 or l19) and (cosmetic? or lipstick? or cream? or gel? or makeup or
make up or lotion or skin) and polymer?

L53	1	FILE MEDLINE
L54	28	FILE CAPLUS
L55	2	FILE BIOSIS
L56	2	FILE EMBASE

TOTAL FOR ALL FILES

L57 33 (L14 OR L19) AND (COSMETIC? OR LIPSTICK? OR CREAM? OR GEL? OR MAKEUP OR MAKE UP OR LOTION OR SKIN) AND POLYMER?

=> s l57 and (compos? or rigid or amide)

L58 0 FILE MEDLINE

L59 17 FILE CAPLUS

L60 0 FILE BIOSIS

L61 0 FILE EMBASE

TOTAL FOR ALL FILES

L62 17 L57 AND (COMPOS? OR RIGID OR AMIDE)

=> d 1-17 chib abs

L62 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2001 ACS

2001:654641 Use of components for modifying physicochemical properties of the **skin** and/or the mucosal tissue as adhesion prevention/decreasing adhesion agents for microorganisms. Cupferman, Sylvie; Lerebour, Geraldine; Guillou, Veronique; **Simon, Pascal** (L'oreal, Fr.). Eur. Pat. Appl. EP 1129694 A1 20010905, 12 pp. DESIGNATED STATES: R:

AT,

BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 1901-400308 20010208. PRIORITY: FR 2000-1841 20000215.

AB A **cosmetic** or pharmaceutical **compn.** for modifying physicochem. properties of the **skin** and/or the mucosal tissue and prevention/decreasing adhesion of microorganisms thereto is disclosed.

A **cosmetic compn.** contained ethoxylated polymethylcetyldimethyl methylsiloxane (Abil EM90) 3, ethyl-2-hexyl glyceryl ether palmitate (Mexanyl GP) 10, C12-13 di-alc. tartrate (Cosmacol ETI) 10, ethoxylated glyceryl cocoate (Cetiol HE) 3, ethylene oxide-propylene oxide condensate (Lutrol F68) 3, water antioxidants, and perfume q.s. 100%.

L62 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2001 ACS

2001:545442 Document No. 135:126945 **Polymer**-based **rigid** transfer-resistant **cosmetic compositions**.

Ferrari, Veronique (L'oreal, Fr.). PCT Int. Appl. WO 2001052799

A1 20010726, 42 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (French). CODEN: PIXXD2.

APPLICATION: WO 2001-FR229 20010124. PRIORITY: FR 2000-920 20000124.

AB The invention concerns a **compn.**, in particular a **cosmetic** formulation, contg. at least a liq. fatty phase comprising a volatile substance, the liq. fatty phase being structured by at least a **polymer** with av. mol. wt. of not more than 100,000, including: (a) a **polymeric** skeleton, having hydrocarbon repeat

units contg. a heteroatom, and (b) pendant and/or terminal fatty chains optionally functionalized, with 1-120 carbon atoms and bound to the units, the liq. fatty phase and the **polymer** forming a physiol. acceptable medium. The **compn.** is in the form of e.g., a **lipstick**, and the application results in a bright deposit, with long lasting resistance and no significant transfer to the objects, e.g., glass, that come into contact with it. A **lipstick** contained Uniclear-100 18, castor oil 7, hydrogenated isoparaffin 9, isononyl isononanoate 4, phenyltrimethylsiloxyl trisiloxane 8, vinylpyrrolidone-1-eicosene copolymer 2, pigments 10, lanolin 5, poly(12-hydroxystearic acid) 2, isododecane 25, and decamethyl tetrasiloxane 10%.

L62 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2001 ACS
2001:505435 Document No. 135:97229 Structured long-wearing **cosmetic composition** containing a **polymer** and a pasty fatty material. **Ferrari, Veronique**; Jacques, Veronique (L'oreal, Fr.). Eur. Pat. Appl. EP 1114636 A1 20010711, 14 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-403575 20001218. PRIORITY: FR 1999-16588 19991228; FR 2000-1004 20000125.

AB A structured long-wearing **cosmetic compn.**, e.g. a **lipstick**, contains a **polymer** (av. mol. wt. 1000-30,000) and a pasty fatty material. A **lipstick** contained Unicleer-80 18.00, paraffin oil 26.07, octyldodecanol 9.00, poly(12-hydroxy stearic acid) 2.00, pigments 8.66, lanolin 5.00, waxes 3.00, Ph siloxane oil 5.00, and excipients 3.00%.

L62 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2001 ACS
2001:331211 Document No. 134:344356 Oil-in-water emulsion comprising an acrylic terpolymer for **cosmetic** uses. **Simon, Pascal**; Bordeaux, Dominique (L'Oreal, Fr.). U.S. US 6228348 B1 20010508, 7 pp. (English). CODEN: USXXAM. APPLICATION: US 2000-503196 20000214. PRIORITY: FR 2000-3320 20000317.

AB An oil-in-water emulsion comprises an oily phase dispersed in an aq. phase and contains at least 1 acrylic terpolymer obtained from the **polymn.** of a .alpha.,.beta.-unsatd. carboxylic acid monomer, a non-surface-active olefinic monomer different from the 1st monomer, and a nonionic urethane monomer. The unsatd. urethane monomer contains an ethoxylated behenyl group in which the terpolymer/oily phase ratio by wt. ranges from 1/50 to 1/125. The **compn.** is particularly suited for **cosmetic** and/or dermatol. applications. Thus, a **cosmetic** emulsion for body and facial uses contained in the phase A methacrylic acid/methyl acrylate/ethoxylated behenyl acrylic benzyl isocyanate 2.1, NaOH 0.09, preservatives 0.15, and water qs to 100%. The phase B contained cyclomethicone 15 and sweet almond oil 15%.

L62 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2001 ACS
2001:212616 Document No. 134:367566 **Polymer** ceramic interfaces through self assembly of block copolymers. Ulrich, Ralph; Finnefrock, Adam C.; DuChesne, Alexander; Mahajan, Surbhi; **Simon, Peter F. W.**

- ; Gruner, Sol M.; Wiesner, Ulrich (Max-Planck Institute for Polymer Research, Mainz, 55021, Germany). Polym. Mater. Sci. Eng., 84, 788 (English) 2001. CODEN: PMSDGD. ISSN: 0743-0515. Publisher: American Chemical Society.
- AB The synthesis of block copolymer-inorg. hybrid material using organically modified ceramic precursors leads to structural control at nm scale. The phase behavior of the **composite** material exhibits subtle differences to that of conventional block copolymer phase diagrams, e.g. the existence of wormlike micelles and a new bicontinuous structure (plumbers nightmare). The hydrophilic **polymer** blocks are fully embedded in the inorg. phase allowing for the structural control and thus high predictability of the resulting morphologies.
- L62 ANSWER 6 OF 17 CAPLUS COPYRIGHT 2001 ACS
2001:50138 Document No. 134:105652 **Cosmetic composition** containing an organic **polymer** and mixed volatile and non volatile solvents. **Ferrari, Veronique**; Tournilhac, Florence (L'oreal, Fr.). Eur. Pat. Appl. EP 1069151 A1 20010117, 10 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-401931 20000705. PRIORITY: FR 1999-9265 19990716.
- AB **Cosmetic skin** and hair **compn.** contg. a crosslinked org. **polymer** and mixed volatile and non volatile solvents are disclosed. A **lipstick** contained wax 15, pigments 9, Pliolite AC3-H 7, iso-Pr myristate 61, and isododecane 8%.
- L62 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2001 ACS
2001:45916 Document No. 134:105649 Wax-free structured **cosmetic composition** made **rigid by a polymer**. **Ferrari, Veronique, Simon, Pascal** (L'oreal, Fr.). Eur. Pat. Appl. EP 1068856 A1 20010117, 15 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-401991 20000710. PRIORITY: FR 1999-9177 19990715; FR 2000-921 20000124.
- AB Wax-free structured **cosmetic compn.** are made **rigid** by a **polymer** having a mol. wt. of 1000 to 10,000. A **lipstick** contained Uniclear 80 25.0, parleam oil 56.0, polyglyceryl-2-polyhydroxystearate 10.0, and pigments 9.0%.
- L62 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2001 ACS
2000:755205 Document No. 133:325466 **Cosmetic composition** containing melamine-formaldehyde or urea-formaldehyde particles. Chevalier, Veronique; Hurel, Valerie; **Simon, Pascal** (L'oreal, Fr.). Eur. Pat. Appl. EP 1046388 A1 20001025, 10 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-400674 20000310. PRIORITY: FR 1999-5043 19990421.
- AB **Cosmetic compns.** contg. melamine-formaldehyde or urea-formaldehyde resins, mean particle size 0.1-0.2 .mu.m, are used for the **makeups**, esp. for covering **skin** wrinkles and pores, and giving a natural look to the **skin**. A **cosmetic** emulsion contained stearyl alc. 1, Arlacel-165 2, cyclohexadimethyl siloxane 10, urea-formaldehyde resin 8, glycerin 5, carbomer 0.2, xanthan gum 0.2, sodium hydroxide 0.01, EDTA 0.05,

preservatives 0.2, and water q.s. 100%.

L62 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2001 ACS

2000:665573 Document No. 133:242441 **Cosmetic** fluid

composition in the form of an oil-in-water emulsion containing an acrylic terpolymer. **Simon, Pascal** (L'oreal, Fr.). Eur. Pat. Appl. EP 1036560 A1 20000920, 12 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-400098 20000114. PRIORITY: FR 1999-3319 19990317.

AB **Cosmetic** fluid **compns.** in the form of oil-in-water emulsions for hair and **skin** contain an acrylic terpolymer obtained by reaction of an unsatd. carboxylic acid with a urethane monomer

and an unsatd. isocyanate. A **cosmetic** emulsion contained a 24% soln. of a terpolymer of methacrylic acid-Me acrylate-dimethyl-m-isopropenylbenzylisocyanate of ethoxylated behenyl alc. 1.25, sodium hydroxide 0.06, preservatives 0.2, glycerin 4, and water q.s. 100% in the aq. phase; and apricot oil 15, cyclomethicone 7, and perfume 0.15% in the lipid phase.

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2000:665572 Document No. 133:242440 **Cosmetic** fluid

composition in form of oil-in-water emulsion containing acrylic terpolymer. **Simon, Pascal**; Bordeaux, Dominique (L'oreal, Fr.). Eur. Pat. Appl. EP 1036559 A1 20000920, 14 pp. DESIGNATED STATES: R:

AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 2000-400097 20000114. PRIORITY: FR 1999-3320 19990317.

AB **Cosmetic** fluid **compns.** in the form of oil-in-water emulsions for hair and **skin** contain an acrylic terpolymer obtained by reaction of an unsatd. carboxylic acid with a urethane monomer

and an unsatd. isocyanate. A **cosmetic** emulsion contained a 24% soln. of a terpolymer of methacrylic acid-Me acrylate-dimethyl-m-isopropenylbenzylisocyanate of ethoxylated behenyl alc. 2.1, sodium hydroxide 0.09, preservatives 0.15, and water q.s. 100% in the aq. phase; and bitter almond oil 15, and cyclomethicone 15% in the lipid phase.

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2000:197926 Document No. 132:241679 Aqueous **cosmetic**

compositions containing sulfonated polyesters and film-forming **polymers**. **Ferrari, Veronique**; De la Poterie, Valerie (L'oreal S. A., Fr.). Jpn. Kokai Tokkyo Koho JP 2000086431 A2 20000328, 10 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1999-253565 19990907.

PRIORITY: FR 1998-11361 19980911.

AB The **compns.**, which show resistance to transfer and water and compatibility with **skin**, lip, etc., contain (a) hydrophilic **gelling** agents comprising water-sol. or -dispersible sulfonated copolyester oligomers (wt.-av. mol. wt. <20,000) comprising repeating unit

CO-p-C6H4CO2CH2CH2O .gtoreq.35, COACO2(CH2CH2O)n (A = sulfo-1,3-phenylene;

n = 1-4) .gtoreq.7, and CO-m-C6H4CO2(CH2CH2O)n (n = 1-4) 0-20 mol% and
(b) **polymer** systems contg. water-dispersed **polymer** particles
(prepd. by radical **polymn.**) and forming films with 5-90 s
hardness. A **lipstick** was prepd. from polyester oligomer
(terephthalate unit 82, isophthalate unit 3, sodium sulfoisophthalate
unit 15, ethylene glycol unit 56.8, diethylene glycol unit 30.7, triethylene
glycol unit 10, and tetraethylene glycol unit 2.5 mol%) 20, Neocryl A 523
(acrylic acid copolymer dispersion) 10, pigment 5, propylene glycol 2.5,
and H2O to 100%.

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2000:190731 Document No. 132:241673 **Cosmetic** or dermatologic
topical **compositions** containing dendritic polyesters.
Tournilhac, Florence; **Simon, Pascal** (L'oreal, Fr.). Eur. Pat.
Appl. EP 987017 A1 20000322, 10 pp. DESIGNATED STATES: R: AT, BE, CH,
DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI,
RO. (French). CODEN: EPXXDW. APPLICATION: EP 1999-402161 19990831.
PRIORITY: FR 1998-11634 19980917.

AB **Cosmetic** or dermatol. topical **compns.** for application
on **skin**, hair, and nail contain hydroxy-terminated dendritic
polyesters and film-forming **polymers**. A **cream**
contained poly(vinyl alc.) 1.5, dendritic polyester (Boltron H40TMP) 0.25,
glycerol 3, glyceryl stearate 1, karite oil 5, tocopherol 1, Et alc. 2,
cyclomethicone 5, PEG-40 stearate 1.2, Et alc. 2, perfumes 0.4,
preservatives 0.3, and water q.s. 100%.

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2000:190730 Document No. 132:241672 Antiwrinkle **cosmetic**
containing a combination of tensor **polymers** from synthetic
and/or natural origin and dendritic polyesters. **Simon, Pascal**;
Chevalier, Veronique (L'oreal, Fr.). Eur. Pat. Appl. EP 987016 A1
20000322, 12 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB,
GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French).

CODEN:
EPXXDW. APPLICATION: EP 1999-402160 19990831. PRIORITY: FR 1998-11635
19980917.

AB Antiwrinkle **compns.** contain a combination of tensor
polymers from synthetic and/or natural origin capable of forming a
permeable film after application of a 7% soln. on **skin**, having
Young modulus of 108-10 N/m², and dendritic polyesters. An antiwrinkle
cream contained cetyl alc. 1.5, vaseline oil 5, cyclomethicone 7,
sorbitan tristearate 1.3, PEG 40 stearate 2.7, soya protein 2.7, Sancure
2060 10, Boltorn H 40 TMP 0.2, Et alc. 10, perfumes, preservatives and
water q.s. 100%.

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2000:34551 Document No. 132:83400 **Cosmetic** and/or dermatological
composition containing salicylic acid derivatives. **Simon,**
Pascal; Bordeaux, Dominique (L'Oreal, Fr.). Eur. Pat. Appl. EP
970690 A1 20000112, 13 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK,
ES,
FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO.
(French).

CODEN: EPXXDW. APPLICATION: EP 1999-401437 19990611. PRIORITY: FR 1998-8617 19980706.

AB **Cosmetic** and/or dermatol. **compn.** contg. salicylic acid derivs. and ethoxylated propoxylated C12-22 fatty alcs. are prepd. for the protection of hair and **skin**, particularly treatment of **skin** aging and wrinkles, acne, **skin** diseases, and stimulation of epidermal renewal. Thus, calcium 5-octanoyl salicylate (I) was prepd. by the reaction of 5-octanoyl salicylic acid with calcium carbonate. An antiwrinkle **cream** contained carboxyvinyl **polymer** 0.3, C12-22 alc. benzoate 7, cyclohexadimethylsiloxane 5, glycerin 7, PPG-2 isoceteth-20 acetate 10, I 2, preservatives 0.3, perfumes 0.2, and water q.s. 100%.

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1999:752872 Document No. 131:341790 Triple w/o/w emulsion containing crosslinked siloxanes and its use for **cosmetic** and/or dermatologic **composition**. **Simon, Pascal** (L'oreal, Fr.). Eur. Pat. Appl. EP 958856 A1 19991124, 12 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (French). CODEN: EPXXDW. APPLICATION: EP 1999-400923 19990415. PRIORITY: FR 1998-6412 19980520.

AB A triple w/o/w emulsion and contg. an organopolysiloxane elastomer partially or totally crosslinked and having a polyoxyethylene or polyoxypropylene chain is used for **cosmetic** and/or dermatol. **compn.** A triple emulsion contained 62.6% of a primary emulsion comprising Me glucose dioleate 1.5, vaseline oil 3.8, bitter almond oil 4.2, vaseline oil 3.8, isohexadecane 3.6, cyclohexamethylsiloxane 4.5, KSG21 2.4% in the phase a; and cetyl alc. 0.7, PEG-10 soya sterol 2, preservative 0.5, fragrance 0.3, and water q.s. 100% in the phase B.

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1996:345458 Document No. 125:11950 Estimation of Number-Average Molecular Weights of Copolymers by Gel Permeation Chromatography-Light Scattering. Radke, Wolfgang; **Simon, Peter F. W.**; Mueller, Axel H. E. (Institut fuer Physikalische Chemie, Universitaet Mainz, Mainz, D-55099, Germany). Macromolecules, 29(14), 4926-4930 (English) 1996. CODEN: MAMOBX. ISSN: 0024-9297.

AB The true no.-av. mol. wt., Mn, of copolymers is obtained by GPC coupled with a light-scattering detector even if the **compn.** and therefore the refractive index increments varies with elution vol., provided slices taken are monodisperse with respect to mol. wt. and **compn.** In contrast, only an apparent wt.-av. mol. wt., Mappw, can be obtained by the conventional GPC-light scattering combination, even for a perfect chromatog. resoln. The errors in Mn assocd. with nonhomogeneous slices are estd. Exptl. data with mixts. of linear polystyrene and poly(Me methacrylate) confirm these estns. and indicate that the error in Mn is less than 10% for the system under investigation.

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1991:58485 Document No. 114:58485 Preparation and use of **polymer** -coated chromatographic stationary phases for protein separation.

Sebille, Bernard; Ferrari, Veronique Monique; Chaufer, Bernard;
Milot, Marie Claude (Centre National de la Recherche Scientifique, Fr.).
Fr. Demande FR 2631849 A1 19891201, 17 pp. (French). CODEN: FRXXBL.
APPLICATION: FR 1988-7151 19880530.

AB The title stationary phases comprise a porous solid on which is deposited a layer of N-disubstituted **amide** function-contg. **polymer** or of a copolymer consisting of a disubstituted **amide** function-contg. monomer and a copolymerizable monomer. The above **polymer** contains the repeating unit $[\text{CH}_2\text{C}(\text{R})(\text{CONR}_1\text{R}_2)]$ [R = H, Me; R₁, R₂ = C1-4 (un)branched alkyl or having groups contg. alc., amine, ether, or **amide** functions such that the **polymer** will be water-sol. or -swollen, or R₁ and R₂ and N atoms can form a 5- to 6-membered heterocycle]. The stationary phase may be irradiated, e.g. by ⁶⁰Co, after impregnation of the porous solid with the **polymer**. Thus, a chromatog. stationary phase was prepd. by contacting Spherisorb silica with a soln. of poly-N,N'-dimethylacrylamide in CH₂Cl₂. The prepd. stationary phase was used for exclusion chromatog. of 12 proteins. A linear relation was obsd. between the logarithm of mol. wt. and elution vol.

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